

A. ANNUAL ENERGY MANAGEMENT DATA REPORT

I. Energy Consumption and Cost Data

ENERGY CONSUMPTION AND COST DATA TOTAL NASHVILLE AREA IHS OWNED

IHS AREA:	Nashville Area Indian Health Service	REPORTING FY:	Fiscal Year 1997
PREPARED BY:	Ray Behel, P.E.	TITLE:	Acting Area Facilities Engineer
PHONE NUMBER:	(615) 736-2503	DATE SUBMITTED:	October 29, 1997

Energy Type	Reporting Units	Annual Consumption	Annual Cost	Unit Cost (\$)	Total Btu (Million)
Electricity	kWh	4,639,648	\$241,200	0.05198 /kWh	53,820
Fuel Oil	Gal/1000	66.859	\$49,743	\$0.744 /Gal	9,273
Natural Gas	ft3/1000	1.091	\$699	\$640.70/1000ft3	112
LPG	1000 Gals	None	N/A	/Gal	N/A
Purchased Steam	MMBtu	None	N/A	/MMBtu	N/A
Other	MMBtu	None	N/A	/MMBTu	N/A
TOTALS			\$291,792		63,206

Gross Square Feet	Btu/Gross Square Feet	\$/Gross Square Feet
166,370	379,912	\$1.7534

Conversion Factors: Electric: (kWh)(3415 BTU/kWh) = BTU=s
 Fuel Oil: (Gal)(140,00 BTU/Gal) = BTU=s
 Natural Gas: (ft;)(1150 BTU/ft;) = BTU=s
 LPG/Propane: (Gal)(41,000 BTU/Gal) = BTU=s

CONCURRENCE:

 Area Facilities Engineer
 Date _____

 Area Associate Director, OEHE
 Date _____

There are a number of projects which have the potential to make significant energy savings ongoing or just completed at the Cherokee Indian Hospital. These include the replacement of the roof with additional insulation installed, the replacement of the eight air handlers on the hospital roof, and the installation of some DDC controls in the VAV boxes. The extent of these savings is unknown at this point but a significant savings is expected to be evident by the end of this current Fiscal Year. The utility information is not detailed enough to identify the energy share impacted by each project or to accurately project the amount of savings. For a break out of the projects costs related to an energy saving feature, please contact ES Dallas.

ENERGY CONSERVATION PROGRAM SUMMARY

IHS Area Nashville FY 1997
Preparer Ray Behel, P.E. Phone (615)736-2503
Title Acting Area Facilities Engineer Date of Report 29 Oct 1997

DIRECT AGENCY EXPENDITURES

1	Direct expenditures on facility energy efficiency improvements Annual Expenditures (Thous. \$)	Current FY	
		Next FY	None
	Annual Savings Anticipated from Expenditures	MMBTU	
		(Thous.\$)	
2	Number of Energy Savings Performance Contracts (ESPCs) Awarded		None
	Annual Savings Anticipated from ESPCs	MMBTU	None
		(Thous.\$)	None
3	Utility Incentives Received	(Thous.\$)	None
	Funds Spent in Order to Receive Incentives	(Thous.\$)	None
4	Annual savings anticipated from DSM activities	MMBTU	None
		(Thous.\$)	None
5	Current year expenditure for energy management training	(Thous.\$)	None
	Number of personnel trained		None

CONCURRENCE:

Area Facilities Engineer

Date _____

Area Associate Director, OEHE

Date _____